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Subject: Hurricane Sandy - HQ EOC Management Report for November 2
Date: 11/02/2012 08:48 AM
Attachments: [Final Management Report 11-02-2012.docx](#)

Below is today's HQ EOC Hurricane Sandy Management Report.

For ease of Blackberry use, the situation summary is provided below in the body of this e-mail. The full report is provided as an attachment. Please keep in mind that this report is "For Internal Use Only".

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Final Management Report 11-02-2012.docx

For Internal Use Only
Hurricane Sandy– EPA Activities
EPA Internal Update: November 2, 9:00 AM
Updated information shown in [Blue](#)

Situation Summary

Overview

- [Power and telecommunication restoration, generators and fuel, dewatering, and commodity deliveries remain the critical focus for the recovery and response operations. The Port of New York City \(NYC\) is open with restrictions. Fuel tug barges are moving to offload facilities. Across the affected area, there are 376 shelters open with 15,761 occupants.](#)
- According to the National Weather Service, [the last of Hurricane Sandy's effects are winding down along the Appalachian Mountains.](#)
- The President has signed major disaster declarations for NY and NJ and emergency declarations for 10 States and the District of Columbia (DC). States of Emergency have been declared in CT, DC, DE, MA, MD, ME, NC, NJ, NY, PA, RI, VA, VT. The President has issued Emergency Declarations for CT, DC, DE, MA, MD, NJ, NY, PA, RI, WV, NH and VA.
- There are [4,657,013](#) customers currently without power.
- There are 59 confirmed fatalities associated with this event.

- FEMA's National Response Coordination Center (NRCC) is at Level I (Full Activation) with all Emergency Support Functions and Liaison Officers activated.

HQ EOC

- The Headquarters EOC remains activated at Level 1.
- Liaison: Added EPA senior leadership to daily standing FEMA VTC at 12:30 EDT. Sent a contact list of all local governments within NY/NJ to the Office of Intergovernmental Affairs
- Non-impacted regions estimate approximately 45 OSCs will be available to support impacted region(s) over the next two weeks.
- Fuel Waiver(s) and NAA: In response to a request from the Governor of New Jersey, EPA, in consultation with the Department of Energy, issued a limited waiver of diesel fuel sulfur standards under the Clean Air Act for use in diesel-powered highway and nonroad vehicles and nonroad equipment on 11/1/12. This waiver allows the sale, use and distribution of diesel fuel that exceeds the 15 parts per million (ppm) standard and is effective until 11/20/12. On 10/31/12, EPA issued two waivers regarding the use of high sulfur home heating oil in stationary emergency generators and pumps serving the public interest and the use of reformulated gasoline in ten states and prohibitions relating to blending certain types of gasoline in six other states. In addition, EPA also issued a no action assurance not to pursue enforcement actions against owners/operators of stationary emergency generators and pumps for violations of Clean Air Act New Source Performance Requirements. For more information please consult <http://epa.gov/enforcement/air/fuel-waivers.html>.

EOC Water Desk

The EOC Water Desk is currently staffed by OW Water Desk personnel.

Region 2 Drinking Water/Wastewater summary:

Operational Status of Wastewater Systems Date – 11/01/12

[*Number includes All State WW Systems ** Reflects systems not Operating at Full Capacity]

1. The given universe of affected systems in NJ was 19 (15 accounted for 4 with no update)
2. *** Only have population data on 3 of the larger systems who serve a population of at least 2,287,000

| MUNI WASTEWATER SYSTEMS | New Jersey | | New York | |
|---------------------------------|------------|---------------|----------|-----|
| | # | Pop | # | Pop |
| Operating * | * 229 | n/a | 16 | n/a |
| Not Operating | 9 | *** 2,287,000 | 5 | n/a |
| Awaiting Further Information ** | ** 6 | n/a | 28 | n/a |
| Total | 244 | n/a | 49 | n/a |
| Status reported by State | | | | |

Operational Status of Drinking Water Systems Date – 11/01/12

[Reflects preliminary information provided by state of New Jersey and does not include all facilities in the impacted area]

[Information for New York to be collected]

| DRINKING WATER SYSTEMS | New Jersey | | New York | |
|------------------------|------------|-----|----------|-----|
| | # | Pop | # | Pop |

| | | | | |
|-----------------------------|----|-----------|--|--|
| Operating under Grid Power | 4 | 643,417 | | |
| Operating with Backup Power | 35 | 2,140,823 | | |
| No Power | 16 | 935,310 | | |
| Boil Water | 8 | 200,522 | | |
| | | | | |
| Total | | 4,739,402 | | |

WARN Report

EMAC – Awaiting power mission request from NJ to help utilities. On standby for other water requests if needed.

NJ – Toms River flooded badly, went on generators, getting back to normal. Communication has been spotty and WARN chair was not on the call, so no further update. Hoboken is still trying to get all the water pumped out.

NY – NYC – chainsaw crew and dump truck request filled through WARN. Long Island area utilities holding on, but long hours for staff, may need relief. State says now WARN needs a real seat at EOC. This has been an issue in the past.

Region by Region Water Impacts

Region 1 Wastewater Team

The Region 1 Water Team is assisting the R2 drinking water program and the New Jersey Department of Environmental Protection by calling facilities to assess fuel status and needs for approximately 200 community public water supply systems.

- Connecticut Wastewater
 - 20 plants statewide and 225 pumps stations on emergency power. Mystic providing partial treatment with disinfection.
 - Known bypasses have occurred from pump stations at 4 facilities.
 - Prioritization planned for power restoration provided to state EOC.
- Connecticut Drinking Water
 - CT Department of Public Health continues to actively communicate with public water supply systems in a number of ways.
 - 2 large systems still on backup power.
 - 82 smaller systems in CT on boil water advisories (serve 0.31% of state's population).
 - Impacts to smaller systems without generators expected.
- Rhode Island Wastewater
 - 2 systems on standby power: 2 systems experiencing excessive flows. 1 system concerned about vulnerability due to plant berm washing away.
- Rhode Island, New Hampshire, Massachusetts, Maine and Vermont Drinking Water
 - No issues to report.

Region 2 Water

- New Jersey:
 - Wastewater; Nine facilities in New Jersey are not operating, encompassing a

- population of greater than 2.3 million.
- Three largest facilities not operating are the Passaic Valley Sewerage Commission, Middlesex County Utility Authority, and Ewing Lawrence Sewerage Authority
- New York:
 - Potable water supplies / systems impacted: Water systems in Long Beach and Mill Neck (Nassau County) remain under a do not use order. The United Water New York water district in Rockland County is under a boil water order.
 - Wastewater treatment systems impacted: Most plants are experiencing much higher than normal flow due to flooding and storm water inflow.
 - Long Island: Ocean Beach Sewer Treatment Plant area is flooded. Power is off due to flood water into control panel area. Minimal sanitary flow is expected since the facility is in a mandatory evacuation zone.
 - New York City: All WWTP are operational, most at minimal capacity.

Region 3 Water

No change

EPA Region 1

- EPA Region 1 expects ESF-10 personnel to demobilize from Connecticut's (CT) Emergency Operations Center (EOCs) and the FEMA RRCC today. EPA is coordinating with ESF # 3 on potential wastewater/drinking water issues. No major issues have been reported.
- In CT, EPA, USCG and CT DEEP performed a reconnaissance of areas in Fairfield County that an oil sheen had been observed. Responding to the oiled area is within the CT DEEP scope of work, and no additional EPA assistance has been requested.
- In RI, USACE, RIEMA, RIDEM, and EPA met with Westerly, RI local officials to assess and determine that a temporary staging area (<30 days) was necessary for debris management (primarily Subtitle C and D debris, household hazardous waste collection, white goods, and potential asbestos containing materials).

EPA Region 2

- The Manhattan EPA Office is closed for the week.
- The REOC is fully staffed and operational. OSCs are currently deployed to the FEMA RRCC in Colts Neck, NJ, and to the state EOCs in West Trenton and Albany.
- EPA is currently working on Mission Assignments for New Jersey and New York support. One of the MAs issued for New York State includes assistance with the dewatering of tunnels and subways throughout New York City. Two OSCs are working with New York City officials and Army Corp. of Engineers personnel on dewatering activities. EPA is awaiting approval of additional MAs for ESF-10 support.
- The REOC is awaiting final signatures of Mission Assignments for New York and New Jersey for drinking water and wastewater assessments/technical support. Verbal approval has been documented in a memorandum for the record. These Mission Assignments will authorize the release of pre-designated teams of technical support personnel for reconnaissance, response, and recovery operations.
- Sampling at the Gowanus Superfund site was completed on 11/1/12 and analytical results are expected early next week. There have not been any requests for sampling at Newtown Creek.
- The Region 2 EPA laboratory remains non-operational due to power outages. The Emergency Laboratory Network has been activated and is maintaining a list of functioning laboratories in the area. Additional assets include EPA laboratories in other regions.

- New Jersey activities of interest include:
 - EPA is consolidating data received from telephonic surveys of drinking water treatment facilities collected by NJDEP and EPA Regions 1 and 2 personnel. This information will be used to address any needs these facilities may have in efforts to reestablish normal operating procedures for providing water services in New Jersey. EPA is working on creating a database of consolidated notifications to EPA and NJDEP. In efforts to limit duplicative response actions, the database will ensure that all parties are able to view and edit notifications generated through all EPA and NJDEP assets.
 - Phillips 66 Linden : The facility reported an unknown amount of oil released into a nearby waterway. Oil impacted a cemetery along with wildlife. NJDEP personnel responded to the facility along with facility response contractors. Tri-County personnel were deployed to work with oil covered animals. Although the facility is located within the USCG response jurisdiction zone, the REOC remains aware of the situation.
 - Motiva Perth Amboy: The previous Situation Report listed a release volume of approximately 8,000 gallons from the facility into the Arthur Kill. The correct estimate is 311,000 gallons of diesel fuel released into the waterway. The USCG has been working with the PRP on response and recovery efforts at this facility. Although located within the USCG response jurisdiction zone, EPA remains vigilant of clean-up operations.
- New York activities of interest include:
 - The REOC is anticipating the approval of Mission Assignments for HHW and orphan container reconnaissance and recovery. Deployment teams are on standby and at the ready.
 - Two OSCs have been deployed to Brooklyn, NY for dewatering activities. EPA is providing technical assistance to the Army Corp. of Engineers and officials from the City of New York on activities. Priorities include the Brooklyn Battery Tunnel, the World Trade Center transit hub, and other subway stations.
 - EPA is reviewing the status of wastewater treatment plants in New York Regions 1, 2 and 3. These regions are all located within the Public Assistance Declared areas of New York State.

EPA Region 3

- Checking Superfund and active removal sites and no damage, releases, or power outages have been identified thus far. The Region is continuing to collect site information and monitor sites.
- Region is close to the ESRI viewer set up and ready to go. It will be a good tool to locate a variety of sites and help facilitate any site assessments that may be needed in the upcoming days.

RESOURCES:

Personnel:

NUMBER OF DEPLOYED PERSONNEL to Impacted Areas:

| State/Location/Region | Current EPA Personnel In Field | Current Contractor Personnel In Field | EPA Personnel in REOC | Contractor Personnel in REOC | Total |
|-----------------------|--------------------------------|---------------------------------------|-----------------------|------------------------------|-------|
| Region 1 | 3 | 0 | 0 | 0 | 3 |
| Region 2 | 5 | 0 | 23 | 3 | 31 |

| | | | | | |
|----------|---|---|----|---|----|
| Region 3 | 1 | 0 | 2 | 0 | 3 |
| Total | 9 | 0 | 25 | 3 | 37 |

NUMBER OF HEADQUARTER'S PERSONNEL:

| Headquarters | EPA Personnel | Contractor Personnel | Total |
|--------------|---------------|----------------------|-------|
| Total | 23 | 3 | 26 |

EPA/Contractor Personnel Totals

| Location | Totals |
|----------------|--------|
| Region/State | 37 |
| HQ | 26 |
| Incident Total | 63 |

FINANCES:

MISSION ASSIGNMENTS FOR REGIONS:

| State/FEMA # | Date | Amount | Purpose |
|------------------------------|--------------------|-----------|-------------------------------------------------|
| Region 1 – 3353 EM-CT-EPA-01 | 10/29/12 | \$30,000 | Activate EPA ESF-10 at state EOCs and FEMA RRCC |
| Region 2 - NY12102504-EPA-01 | 10/27/12 – 11/1/12 | \$5,000 | NY ROC Support/Assessment |
| Region 2/NJ-4086DR-NJ-EPA-01 | 11/1/12 – 11/10/12 | \$50,000 | NJ ROC Support/Assessment |
| Region 3/PA | | \$16,000 | FEMA RRCC ESF-10 Desk Support |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| TOTAL | | \$101,000 | |

MISSION ASSIGNMENTS FOR HQ:

| FEMA # | Date | Amount | Purpose |
|----------------------|------------|----------|--------------------------------------|
| District of Columbia | 10/29/2011 | \$10,000 | Deployment to NRCC to support ESF-10 |

| | | | |
|-------|--|----------|--|
| | | | |
| | | | |
| | | | |
| TOTAL | | \$10,000 | |

IMPACTED FACILITIES:

Region 2:

| Regulatory Program | Number of Facilities Contacted | Number of Facilities Reached | Report of Facility Releases |
|--------------------|--------------------------------|------------------------------|-----------------------------|
| FRP | 11 | 11 | 2 |
| RMP | 10 | 6 | 0 |
| Total | 21 | 17 | 2 |